



Diversified Solutions, LLC

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KLASS KOTE

"Superior Quality" EPOXY PAINT SYSTEM

Concrete Surface Preparation

To: **KLASS KOTE** Epoxy Customers

From: **DIVERSIFIED SOLUTIONS, LLC**
5932 Chicago Avenue South
Minneapolis, MN 55417
612-243-1234 (ph.) 612-216-2121 (fax)

Subject: Preparing Concrete Surfaces for Application of **KLASS KOTE** Epoxy

For **New** (cured a minimum of 30 days) and **Existing** Concrete Surfaces Unpainted:

Remove all grease and oil from the surface to be painted using commercial cleaning products intended for this use. It is absolutely necessary to mechanically scrub these products into the surface of the concrete using a stiff hand broom or mechanical scrubber. After grease and oil are removed from surface and all detergents are rinsed off, the damp or dried surface is ready for acid etching. A solution of 3 parts water, 1 part muriatic acid works ideally. **Precautions must be taken when working with acid! Follow all label precautions in addition to wearing protective rubber boots, gloves, and protective eye goggles.**

The acid solution should be carefully poured and spread out on the surface using a stiff hand broom. Do not let it stand in one area without spreading. Allow the solution to etch the concrete for approximately 20 minutes. Begin rinsing off the solution with large volumes of water only. We suggest at least 2 or more total floodings of the surface with brisk sweeping of the concrete as the water is being applied. Allow the surface to completely dry, and then apply **KLASS KOTE** Epoxy. An additional step may be taken to promote adhesion after the surface has completely dried. Stiff-broom the entire area and then vacuum. This will assure that all loose debris and dust have been eliminated from the now porous surface, allowing **KLASS KOTE** Epoxy to gain maximum adhesion. Remember, preparation is critical on epoxy flooring jobs.

Note - if pressure washing equipment is available this will speed the cleaning and rinsing process. For further information please contact us at 612-243-1234, via fax at 612-216-2121, via e-mail at info@klasskote.com, or visit our Web site: <http://www.klasskote.com>